ELVIS.1.3.2 IP

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Installation Procedures for the
Enhanced Linked Virtual Information System
(ELVIS)

Version 1.3.2

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1. SCOPE

The purpose of this document is to provide instructions for installing the Enhanced Linked Virtual Information System (ELVIS) Version 1.3.2. ELVIS 1.3.2 is compatible with UB 3.0.1.6G (on the SUN SparcStation models 5 and 20). This document is divided into the following sections:

- Section 2, INSTALLATION PREPARATION

- Section 3, INSTALLING ELVIS 1.3.2

ELVIS is designed to provide access to Global Command and Control System (GCCS) and Joint Maritime Command Information System (JMCIS) tactical data using any web browser compatible with the Netscape extensions to HyperText Markup Language (HTML). ELVIS version 1.3.2 has passed the Defense Information Systems Agency (DISA) integration and Common Operating Environment (COE) compliance testing to become part of the GCCS baseline.

2. INSTALLATION PREPARATION

Although the ELVIS segment does not require special procedures before installation, it is generally a good idea to make a back up of the complete ELVIS directory (assuming this is not a first-time installation). Specifically, it is recommended that the system administrator make a tar file of /h/LVIS directory.

3. INSTALLING ELVIS 1.3.2

An ELVIS installation follows the normal procedures for a segment installation; complete the instructions below to install ELVIS. On a dual-eye (or multi-eye) host, every station attached to the host should be logged out before proceeding with the installation. When the installation is finished, a window appears with the Uniform Resource Locator (URL), consisting of the host name and service number (typically 9000). If Domain Name Server (DNS) is not running on the host, then the URL may contain the text string *@domainame*, which should be replaced with the site's domain name. The URL must be provided to each prospective user. Once the URL is recorded, press [RETURN] to continue.

STEP 1:   Type sysadmin and press [RETURN] at the "GCCS Workstation Console Login:" prompt.

STEP 2:   Type the sysadmin password at the "Password:" prompt and press [RETURN].

STEP 3:   Agree to the provisions set forth in the "Consent to Monitoring" screen by pressing [RETURN]. The SYSTEM ADMINISTRATOR screen appears.

STEP 4:   Insert the tape containing ELVIS 1.3.2 into the DAT drive and wait for the control panel LEDs to stop blinking.

STEP 5:   Select Segment Installer from the Software pull-down menu. The Segment Installer window appears.

STEP 6:   Click on the Read TOC (Table of Contents) button. The items that appear in the Table of Contents portion of the Segment Installer window are the names of software segments contained on the tape. If the tape drive is attached to a remote host, then this host must be selected first using the **Select Media** button.

STEP 7:   Select **Linked Virtual Information System 1.3.2** from the list so that it is highlighted and click on the Install button.

A window appears with an hourglass indicating that the system is busy installing the selected segment(s).

If ELVIS is already installed, a warning window will appear asking for confirmation to continue with the installation.

STEP 8:   At the end of the installation, a window appears showing a URL (Uniform Resource Locator) consisting of the "http://", a host name, and a port number (ignore the "domainame" text that may appear in the host address). Record the URL for distribution to every ELVIS user.

STEP 9:   Press [RETURN] to continue. When the segment has completed installation, the warning "Selected segment(s) installed successfully" appears.

STEP 10:   Click the OK button to acknowledge the warning.

Following installation, the system administer can select a display resolution for ELVIS. The default is 400x300 pixels (lowres). A tiny resolution (200x15)), a medium resolution (600x450), and a high resolution (800x600) are also available. All ELVIS users get the same resolution, so if another resolution is desired, then another ELVIS server must be established. To change the resolution, edit the configuration script /h/LVIS/Scripts/.cshrc.LVIS and change the value of the LVIS_RESOLUTION to tiny, lowres, medres, or hires. Be advised that larger resolutions yield poorer response rates since the CPU must build larger GIFs and the LAN/WAN network must transport larger GIFs.

4. CONFIGURING NETSCAPE

For best results, Netscape Navigator should be configured with a large RAM cache (3000KB or larger) and no hard disk cache. The color map should be set to "closest color in the color cube" instead of "dither." In order to provide more screen real estate, it may be worthwhile to remove the "location" and "directory" buttons, remove the pictures from the Netscape toolbar, and reduce the text size (use the **Options** -> **Preferences** menu).